



Patent  
Attorney Docket No. 030681-591

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kim, Hye-yeon et. al.

Application No.: 10/717,621

Filing Date: November 21, 2003

Title: Apparatus and Method for Enhancing Quality of Reproduced Image

Group Art Unit: 2621

Examiner: Unassigned

Confirmation No.: 8611

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

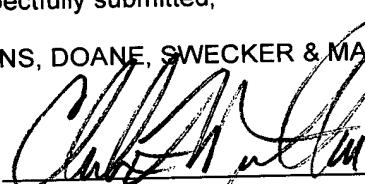
- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By

  
Charles F. Wieland III  
Registration No. 33,096

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: April 2, 2004



## UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Kim, Hye-yeon et. al. ) Group Art Unit: 2621  
Application No.: 10/717,621 ) Examiner: Unassigned  
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FIRST INFORMATION DISCLOSURE STATEMENT

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Sir:

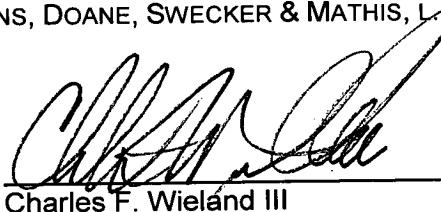
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

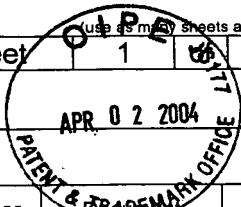
BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Substitute for form 1449A/PTO & 1449B/PTO		<i>Complete if Known</i>	
<b>FIRST</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>		<b>Application Number</b>	10/717,621
		<b>Filing Date</b>	November 21, 2003
		<b>First Named Inventor</b>	Kim, Hye-yeon et. al.
		<b>Examiner Name</b>	Unassigned
<input checked="" type="checkbox"/> (use as many sheets as necessary)		<b>Attorney Docket Number</b>	030681-591
Sheet	1	1	



## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	W0 99/00785		PCT	01-07-1999		
	EP 0588499	A	Europe	03-23-1994		
	W0 9636037	A	PCT	11-14-1996		
	W0 9635203	A	PCT	11-07-1996		
	EP 0710925	A	Europe	05-08-1996		
	EP 0630154	A	Europe	12-21-1994		

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	GERARD DE HAAN ET AL., Deinterlacing—An Overview, Proceedings of the IEEE, September 9, 1988, pages 1839-1857, Volume 86, No. 9, Television Systems Group, Philips Research Laboratories, Eindhoven 5656 AA The Netherlands.

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.